

CLAIMS:

1. An energy-curable intaglio printing ink comprising a pigment, an energy-curable binder composition, a photoinitiator and a plasticiser.
2. A printing ink according to Claim 1, wherein the plasticiser is food grade.
3. A printing ink according to Claim 1 or Claim 2, wherein the plasticiser has a molecular weight of from 100 to 500.
4. A printing ink according to Claim 3, wherein said molecular weight is from 150 to 350.
5. A printing ink according to any one of Claims 1 to 4, wherein the plasticiser has a boiling point of from 100 to 500°C.
6. A printing ink according to Claim 5, wherein the boiling point is from 150 to 350°C.
7. A printing ink according to any one of Claims 1 to 6, wherein the plasticiser is a sebacate.
8. A printing ink according to Claim 7, wherein the sebacate is dibutyl sebacate.
9. A printing ink according to any one of Claims 1 to 6, wherein the plasticiser is a citrate.
10. A printing ink according to Claim 3, in which the plasticiser is a fatty acid or mixture of fatty acids.
11. A printing ink according to Claim 10, in which the fatty acid is oleic acid, linseed oil fatty acid or tall oil fatty acid.
12. A method of printing, in which an ink according to any one of the preceding Claims is printed onto a substrate using an intaglio printing press.
13. A method according to Claim 12, in which the ink is wiped from the printing cylinder using a waterwipe process.

14. A method according to Claim 12, in which the ink is wiped from the printing cylinder using a paperwipe process.
15. A method according to any one of Claims 12 to 14, in which, after printing, the ink is cured by energy.
16. A method according to Claim 15, in which curing is by electron beam or ultraviolet.